



CITY OF NOVI CITY COUNCIL
AUGUST 9, 2021

SUBJECT: Consideration of approval to award the construction contract to Bidigare Contractors, Inc., the low bidder, for the Ten Mile Road Water Main and Sidewalk project, in the amount of \$519,872, and amend the budget.

SUBMITTING DEPARTMENT: Department of Public Works, Engineering Division

EXPENDITURE REQUIRED	\$ 310,899.84 Water Main \$ 79,688.83 Sidewalk \$ 129,283.33 <u>Culvert & Headwall</u> \$ 519,872.00 Total
AMOUNT BUDGETED	\$ 501,274.00 Water Main (FY 2020-21 Budget Rollover) \$ 0 Sidewalk \$ 0 Culvert & Headwall
APPROPRIATION REQUIRED	\$ 0 Water Main \$ 110,000.00 Sidewalk \$ 175,000.00 <u>Culvert & Headwall</u> \$ 285,000.00 Total
LINE ITEM NUMBER	592-592.00-976.017 10 Mile Loop Connect (W of Wixom) 204-204.00-974.489 Seg 49 & 159 - 10 Mile (Terra Del Mar Dr to Wixom Rd; NS) 210-211.00-865.225 Novi-Lyon Drain Culvert Extension and Headwall Install (10 Mile and Wixom)

BACKGROUND INFORMATION:

The Ten Mile Road Water Main and Sidewalk project will consist of water main and sidewalk construction, culvert extension, and headwall installation. The water main portion of the project includes installation of approximately 1,250 feet of 12-inch water main to fill two existing gaps in the water main system along the north side of Ten Mile Road, which were recommended in the 2014 Water System Master Plan to improve

pressure and redundancy for subdivisions in the area. One location is crossing Wixom Road and the other is west of Wixom Road along the frontage of Oak Pointe Church.

The project will also complete two sidewalk gaps on the north side of Ten Mile Road; Segments 49, which is just west of the Wixom Road intersection and segment 159, which is along the frontage of Oak Pointe Church. The completion of these segments will complete non-motorized connectivity on the north side of 10 Mile Road from Napier Road to Haggerty Road. Segment 49 is a priority segment for the Walkable Novi Committee due to its connectivity to the ITC Trail and is approved in the CIP for an outyear; however, it is being brought forward due to economies of scale with water main work planned in the area. The new water main and sidewalk just west of Wixom Road will cross the Novi-Lyon Drain, which flows north through a 48-inch culvert under Ten Mile Road. The sidewalk will require a 24-foot extension of the culvert and a pre-cast concrete headwall will be installed to support the culvert extension.

AECOM assisted the Engineering Division with developing the engineering design plans for this project. The plans were advertised for public bids on June 24, 2021. Four (4) bids were received and opened on July 22, 2021, following the solicitation period. Bidigare Contractor's bid is recommended in the best interest of the City, as it is responsive and complies with all requirements of the bidding instructions. The award recommendation letter including the bid tabulation is attached. A summary of the bids is as follows:

Contractor	Total Program Bid (includes Crew Days) *
Bidigare Contractors, Inc.	\$537,372.00
DVM Utilities, Inc.	\$547,137.00
Anglin Civil, LLC	\$597,613.10
D&D Water & Sewer, Inc.	\$701,683.00

***Crew Days are included to compare bids, but not included in the award**

The contract administration and geotechnical engineering services related to this project will be awarded to the following pre-qualified firms using the fee percentages in the Agreements for Professional Engineering Services and Geotechnical Engineering Services for Public Projects.

AECOM Great Lakes			
Water Main	Contract Administration	6% of the construction award (\$310,899.84 X 0.06)	\$ 18,654.00
	Crew Days	\$700 daily inspection fee x 9 days	\$ 6,300.00
Sidewalk	Contract Administration	6% of the construction award (\$79,688.83 X 0.06)	\$ 4,781.33
	Crew Days	\$700 daily inspection fee x 8 days	\$ 5,600.00

Culvert & Headwall	Contract Administration	6% of the construction award (\$129,283.33 X 0.06)	\$ 7,757.00
	Crew Days	\$700 daily inspection fee x 8 days	\$ 5,600.00

Testing Engineers & Consultants, Inc. (TEC)			
Water Main	Material testing services	2% of the construction award (\$310,899.84 X 0.02)	\$ 6,218.00
Sidewalk	Material testing services	2% of the construction award (\$79,688.83 X 0.02)	\$ 1,593.78
Culvert & Headwall	Material testing services	2% of the construction award (\$129,283.33 X 0.02)	\$ 2,585.67

RECOMMENDED ACTION: Approval to award the construction contract to Bidigare Contractors, Inc., the low bidder, for the Ten Mile Road Water Main and Sidewalk project, in the amount of \$519,872, and amend the budget.

RESOLUTION

NOW, THEREFORE BE IT RESOLVED that the following
Budget Amendment for the construction contract to Bidigare
Contractors, Inc. associated with the 10 Mile Road Water Main &
Sidewalk Gap project is authorized:

	INCREASE (DECREASE)
MUNICIPAL STREET FUND	
APPROPRIATIONS	
Capital Outlay	110,000
TOTAL APPROPRIATIONS	\$ 110,000
Net Increase (Decrease) to Fund Balance	\$ (110,000)

DRAIN FUND	
APPROPRIATIONS	
Capital Outlay	175,000
TOTAL APPROPRIATIONS	\$ 175,000
Net Increase (Decrease) to Fund Balance	\$ (175,000)

I hereby certify that the foregoing is a true and complete copy of a
resolution adopted by the City Council of the City of Novi
at a regular meeting held on August 9, 2021.

Cortney Hanson
City Clerk

Ten Mile Road at Wixom Road Water Main and Sidewalk Project

Location Map



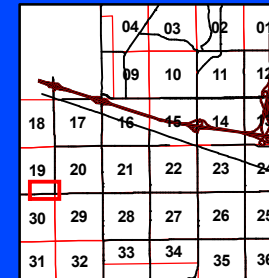
Map Author: Rebecca Runkel
 Date: 7/23/21
 Project: 10 Mile Rd Water Main & Sidewalk
 Version #: 1.0

MAP INTERPRETATION NOTICE

Map information depicted is not intended to replace or substitute for any official or primary source. This map was intended to meet National Map Accuracy Standards and use the most recent, accurate sources available to the people of the City of Novi. Boundary measurements and area calculations are approximate and should not be construed as survey measurements performed by a licensed Michigan Surveyor as defined in Michigan Public Act 132 of 1970 as amended. Please contact the City GIS Manager to confirm source and accuracy information related to this map.

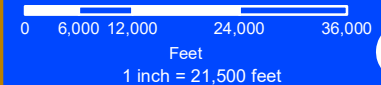
Map Legend

Water Hydrant	Open Drain
Water Main	
Proposed 12" Water Main	
Proposed 6' Sidewalk	
Online	
6"	
8"	
12"	



City of Novi

Engineering Division
 Department of Public Works
 26300 Lee BeGole Drive
 Novi, MI 48375
cityofnovi.org





July 27, 2021
Mr. Ben Croy, PE
City of Novi
Engineering Department
26300 Lee BeGole Drive
Novi, MI 48375

Reference: Bid Analysis and Contract Award Recommendation
Ten Mile Road Water Main & Sidewalk Near Wixom Road
AECOM Project Number 60644437

Dear Mr. Croy:

Attached is the Bid Tabulation for the above referenced project. Four bids were received and opened on July 22, 2021. Competition appears to have been good. No mathematical errors were noted in the bids.

The low bid is higher than the Engineer's Estimate for the Project. It is assumed this is due to the low availability of Contractors within the industry and therefore there has been a premium placed on this job as this has happened to several other recent projects.

Bidigare Contractors, Inc., the low bidder for the project, has completed similar projects for the city and has performed well. The bonding company listed in the Statement of Qualifications has an AM Best rating that exceeds the minimum requirements.

We recommend award of contract for the contract work to Bidigare Contractors, Inc. for \$519,872.00. The amount bid for Inspection (Crew Days) is not included in the award amount.

Please feel free to contact me if you need anything else or wish to discuss the project.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Mark Koskinen', with a long horizontal flourish extending to the right.

Mark Koskinen, P.E.
Project Manager

City of Novi
Ten Mile Rd Water Main & Sidewalk Near Wixom Rd
Full Reconstruction
Tabulation of Bids
Bid Opening: 7/22/2021

Item No.	Item Description	Unit	Quantity	Engineers Estimate		Bidigare Contractors, Inc		DVM Utilities, Inc		Anglin Civil, LLC		D&D Water & Sewer, Inc		
				Unit Price	Total Bid Cost	Unit Price	Total Bid Cost	Unit Price	Total Bid Cost	Unit Price	Total Bid Cost	Unit Price	Total Bid Cost	
1	Mobilization (10%)	LSUM	1	\$ 38,000.00	\$ 38,000.00	\$ 52,700.00	\$ 52,700.00	\$ 30,000.00	\$ 30,000.00	\$ 55,000.00	\$ 55,000.00	\$ 68,500.00	\$ 68,500.00	
2	Pre-Construction Audio Visual	LSUM	1	\$ 5,000.00	\$ 5,000.00	\$ 950.00	\$ 950.00	\$ 1,200.00	\$ 1,200.00	\$ 1,150.00	\$ 1,150.00	\$ 31,100.00	\$ 31,100.00	
3	Sidewalk, Conc, 4 inch	Sft	3,336	\$ 7.16	\$ 23,885.76	\$ 7.00	\$ 23,352.00	\$ 8.00	\$ 26,688.00	\$ 5.75	\$ 19,182.00	\$ 7.00	\$ 23,352.00	
4	Curb and Gutter, Conc, Det 3E	Ft	23	\$ 58.98	\$ 1,356.54	\$ 69.00	\$ 1,587.00	\$ 73.00	\$ 1,679.00	\$ 86.25	\$ 1,983.75	\$ 92.00	\$ 2,116.00	
5	Aggregate Base, 21AA Limestone, 8 inch	Syd	75	\$ 22.02	\$ 1,651.50	\$ 12.00	\$ 900.00	\$ 35.00	\$ 2,625.00	\$ 21.85	\$ 1,638.75	\$ 29.00	\$ 2,175.00	
6	Pavt. Rem	Syd	87	\$ 15.44	\$ 1,343.28	\$ 22.00	\$ 1,914.00	\$ 50.00	\$ 4,350.00	\$ 23.00	\$ 2,001.00	\$ 10.00	\$ 870.00	
7	HMA, 5E1	Ton	8	\$ 191.28	\$ 1,530.24	\$ 257.00	\$ 2,056.00	\$ 500.00	\$ 4,000.00	\$ 258.75	\$ 2,070.00	\$ 500.00	\$ 4,000.00	
8	HMA, 4E1	Ton	10	\$ 182.40	\$ 1,824.00	\$ 205.00	\$ 2,050.00	\$ 400.00	\$ 4,000.00	\$ 253.00	\$ 2,530.00	\$ 500.00	\$ 5,000.00	
9	HMA, 3E1	Ton	10	\$ 179.70	\$ 1,797.00	\$ 205.00	\$ 2,050.00	\$ 400.00	\$ 4,000.00	\$ 247.25	\$ 2,472.50	\$ 500.00	\$ 5,000.00	
10	Subgrade Undercutting, Special (1 x 3)	Cyd	5	\$ 68.14	\$ 340.70	\$ 60.00	\$ 300.00	\$ 200.00	\$ 1,000.00	\$ 88.55	\$ 442.75	\$ 175.00	\$ 875.00	
11	Grading	Sta	6	\$ 1,288.43	\$ 7,730.58	\$ 1,830.00	\$ 10,980.00	\$ 500.00	\$ 3,000.00	\$ 3,795.00	\$ 22,770.00	\$ 2,300.00	\$ 13,800.00	
12	Erosion Control, Silt Fence	Ft	870	\$ 2.93	\$ 2,549.10	\$ 2.00	\$ 1,740.00	\$ 4.00	\$ 3,480.00	\$ 3.45	\$ 3,001.50	\$ 5.00	\$ 4,350.00	
13	Erosion Control, Check Dam, Stone	Ft	15	\$ 43.24	\$ 648.60	\$ 31.00	\$ 465.00	\$ 100.00	\$ 1,500.00	\$ 103.50	\$ 1,552.50	\$ 87.00	\$ 1,305.00	
14	Curb and Gutter, Rem	Ft	23	\$ 14.78	\$ 339.94	\$ 16.00	\$ 368.00	\$ 23.00	\$ 529.00	\$ 17.25	\$ 396.75	\$ 25.00	\$ 575.00	
15	Sidewalk, Rem	Syd	28	\$ 21.81	\$ 610.68	\$ 12.00	\$ 336.00	\$ 10.00	\$ 280.00	\$ 17.25	\$ 483.00	\$ 5.00	\$ 140.00	
16	Sidewalk Ramp, Conc, 6 inch	Sft	280	\$ 10.68	\$ 2,990.40	\$ 21.00	\$ 5,880.00	\$ 18.00	\$ 5,040.00	\$ 11.50	\$ 3,220.00	\$ 25.00	\$ 7,000.00	
17	Detectable Warning Surface	Ft	6	\$ 92.54	\$ 555.24	\$ 65.00	\$ 390.00	\$ 100.00	\$ 600.00	\$ 57.50	\$ 345.00	\$ 70.00	\$ 420.00	
18	Maintaining Traffic	LSUM	1	\$ 21,402.38	\$ 21,402.38	\$ 20,000.00	\$ 20,000.00	\$ 24,000.00	\$ 24,000.00	\$ 17,250.00	\$ 17,250.00	\$ 15,000.00	\$ 15,000.00	
19	Surface Restoration	Sta	7.4	\$ 1,967.93	\$ 14,562.68	\$ 4,500.00	\$ 33,300.00	\$ 1,000.00	\$ 7,400.00	\$ 2,185.00	\$ 16,169.00	\$ 2,900.00	\$ 21,460.00	
20	Tree, Rem, 6 inch to 18 inch	Ea	3	\$ 1,390.49	\$ 4,171.47	\$ 2,000.00	\$ 6,000.00	\$ 600.00	\$ 1,800.00	\$ 1,725.00	\$ 5,175.00	\$ 500.00	\$ 1,500.00	
21	Stump, Rem, 37 inch or Larger	Ea	1	\$ 904.84	\$ 904.84	\$ 458.00	\$ 458.00	\$ 400.00	\$ 400.00	\$ 2,300.00	\$ 2,300.00	\$ 1,000.00	\$ 1,000.00	
22	Post, Mailbox	Ea	1	\$ 320.00	\$ 320.00	\$ 200.00	\$ 200.00	\$ 200.00	\$ 200.00	\$ 287.50	\$ 287.50	\$ 250.00	\$ 250.00	
23	Sewer, CL IV, 12 inch, Tr Det A	Ft	19	\$ 201.44	\$ 3,827.36	\$ 80.00	\$ 1,520.00	\$ 100.00	\$ 1,900.00	\$ 172.50	\$ 3,277.50	\$ 765.00	\$ 14,535.00	
24	Culv, Cl A, CSP, 48 inch	Ft	24	\$ 643.32	\$ 15,439.68	\$ 1,400.00	\$ 33,600.00	\$ 700.00	\$ 16,800.00	\$ 1,035.00	\$ 24,840.00	\$ 2,275.00	\$ 54,600.00	
25	Dr Structure Cover, Type E	Ea	1	\$ 1,983.85	\$ 1,983.85	\$ 320.00	\$ 320.00	\$ 550.00	\$ 550.00	\$ 920.00	\$ 920.00	\$ 1,500.00	\$ 1,500.00	
26	Dr Structure, 24 inch dia	Ea	1	\$ 9,890.55	\$ 9,890.55	\$ 4,470.00	\$ 4,470.00	\$ 5,000.00	\$ 5,000.00	\$ 4,600.00	\$ 4,600.00	\$ 7,600.00	\$ 7,600.00	
27	Riprap, Heavy	Syd	20	\$ 150.83	\$ 3,016.60	\$ 140.00	\$ 2,800.00	\$ 250.00	\$ 5,000.00	\$ 152.95	\$ 3,059.00	\$ 100.00	\$ 2,000.00	
28	Fence, Chain Link, 60 inch	Ft	20	\$ 69.18	\$ 1,383.60	\$ 50.00	\$ 1,000.00	\$ 150.00	\$ 3,000.00	\$ 115.00	\$ 2,300.00	\$ 575.00	\$ 11,500.00	
29	Precast Concrete Headwall	LSUM	1	\$ 24,300.00	\$ 24,300.00	\$ 66,670.00	\$ 66,670.00	\$ 40,000.00	\$ 40,000.00	\$ 22,425.00	\$ 22,425.00	\$ 30,000.00	\$ 30,000.00	
	Roadway Construction Subtotal				\$ 193,356.57		\$ 278,356.00		\$ 200,021.00		\$ 222,842.50		\$ 331,523.00	
30	Fire Hydrant Assembly, Install	Ea	2	\$ 7,684.67	\$ 15,369.34	\$ 6,650.00	\$ 13,300.00	\$ 7,000.00	\$ 14,000.00	\$ 8,625.00	\$ 17,250.00	\$ 7,800.00	\$ 15,600.00	
31	Water Main, Abandon, Fill with Flowable Fill, 12 inch	Ft	16	\$ 10.63	\$ 170.08	\$ 53.00	\$ 848.00	\$ 76.00	\$ 1,216.00	\$ 309.35	\$ 4,949.60	\$ 325.00	\$ 5,200.00	
32	Gate Valve and Well, 12 inch	Ea	1	\$ 6,908.73	\$ 6,908.73	\$ 10,100.00	\$ 10,100.00	\$ 7,000.00	\$ 7,000.00	\$ 6,325.00	\$ 6,325.00	\$ 11,000.00	\$ 11,000.00	
33	Water Main, Open Cut, Ductile Iron, 12 inch	Ft	72	\$ 527.06	\$ 37,948.32	\$ 224.00	\$ 16,128.00	\$ 335.00	\$ 24,120.00	\$ 218.50	\$ 15,732.00	\$ 200.00	\$ 14,400.00	
34	Water Main, Directional Drill HDPE, 12 inch	Ft	1,184	\$ 162.69	\$ 192,624.96	\$ 130.00	\$ 153,920.00	\$ 205.00	\$ 242,720.00	\$ 218.50	\$ 258,704.00	\$ 225.00	\$ 266,400.00	
35	Water Main, Connect to Existing	Ea	6	\$ 3,163.51	\$ 18,981.06	\$ 7,360.00	\$ 44,160.00	\$ 4,500.00	\$ 27,000.00	\$ 6,325.00	\$ 37,950.00	\$ 5,000.00	\$ 30,000.00	
36	Permit Allowance	LSUM	1	\$ 3,060.00	\$ 3,060.00	\$ 3,060.00	\$ 3,060.00	\$ 3,060.00	\$ 3,060.00	\$ 3,060.00	\$ 3,060.00	\$ 3,060.00	\$ 3,060.00	
	Water Main Items Subtotal				\$ 275,062.49		\$ 241,516.00		\$ 319,116.00		\$ 343,970.60		\$ 345,660.00	
37	Crew Days	CD	35	\$ 700.00	\$ 24,500.00		25	\$ 17,500.00		40	\$ 28,000.00		35	\$ 24,500.00
	Total Construction Cost				\$ 492,919.06		\$ 537,372.00		\$ 547,137.00		\$ 597,613.10		\$ 701,683.00	
							Award Amount (Excludes Crew Days)	\$ 519,872.00						

City of Novi
Ten Mile Rd Water Main & Sidewalk Near Wixom Rd
Water Main Construction
Tabulation of Bids
Bid Opening: 7/22/2021

Item No.	Item Description	Unit	Quantity	Engineer's Estimate		Bidigare Contractors, Inc	
				Unit Price	Total Bid Cost	Unit Price	Total Bid Cost
1	Mobilization	LSUM	1	\$ 12,666.67	\$ 12,666.67	\$ 17,566.67	\$ 17,566.67
2	Pre-Construction Audio Visual	LSUM	1	\$ 1,666.67	\$ 1,666.67	\$ 316.67	\$ 316.67
4	Curb and Gutter, Conc, Det 3E	Ft	23	\$ 58.98	\$ 1,356.54	\$ 69.00	\$ 1,587.00
5	Aggregate Base, 21AA Limestone, 8 inch	Syd	37.50	\$ 22.02	\$ 825.75	\$ 12.00	\$ 450.00
6	Pavt, Rem	Syd	43.50	\$ 15.44	\$ 671.64	\$ 22.00	\$ 957.00
7	HMA, 5E1	Ton	8	\$ 191.28	\$ 1,530.24	\$ 257.00	\$ 2,056.00
8	HMA, 4E1	Ton	10	\$ 182.40	\$ 1,824.00	\$ 205.00	\$ 2,050.00
9	HMA, 3E1	Ton	10	\$ 179.70	\$ 1,797.00	\$ 205.00	\$ 2,050.00
12	Erosion Control, Silt Fence	Ft	435	\$ 2.93	\$ 1,274.55	\$ 2.00	\$ 870.00
13	Erosion Control, Check Dam, Stone	Ft	8	\$ 43.24	\$ 324.30	\$ 31.00	\$ 232.50
14	Curb and Gutter, Rem	Ft	23	\$ 14.78	\$ 339.94	\$ 16.00	\$ 368.00
16	Sidewalk Ramp, Conc, 6 inch	Sft	280	\$ 10.68	\$ 2,990.40	\$ 21.00	\$ 5,880.00
17	Detectable Warning Surface	Ft	6	\$ 92.54	\$ 555.24	\$ 65.00	\$ 390.00
18	Maintaining Traffic	LSUM	1	\$ 21,402.38	\$ 21,402.38	\$ 20,000.00	\$ 20,000.00
19	Surface Restoration	Sta	4	\$ 1,967.93	\$ 7,281.34	\$ 4,500.00	\$ 16,650.00
30	Fire Hydrant Assembly, Install	Ea	2	\$ 7,684.67	\$ 15,369.34	\$ 6,650.00	\$ 13,300.00
31	Water Main, Abandon, Fill with Flowable Fill, 12 inch	Ft	16	\$ 10.63	\$ 170.08	\$ 53.00	\$ 848.00
32	Gate Valve and Well, 12 inch	Ea	1	\$ 6,908.73	\$ 6,908.73	\$ 10,100.00	\$ 10,100.00
33	Water Main, Open Cut, Ductile Iron, 12 inch	Ft	72	\$ 527.06	\$ 37,948.32	\$ 224.00	\$ 16,128.00
34	Water Main, Directional Drill HDPE, 12 inch	Ft	1,184	\$ 162.69	\$ 192,624.96	\$ 130.00	\$ 153,920.00
35	Water Main, Connect to Existing	Ea	6	\$ 3,163.51	\$ 18,981.06	\$ 7,360.00	\$ 44,160.00
36	Permit Allowance	LSUM	1	\$ 1,020.00	\$ 1,020.00	\$ 1,020.00	\$ 1,020.00
	Total Construction Cost				\$ 329,529.14		\$ 310,899.83

City of Novi
Ten Mile Rd Water Main & Sidewalk Near Wixom Rd
Sidewalk Construction
Tabulation of Bids
Bid Opening: 7/22/2021

Item No.	Item Description	Unit	Quantity	Engineer's Estimate		Bidigare Contractors, Inc	
				Unit Price	Total Bid Cost	Unit Price	Total Bid Cost
1	Mobilization	LSUM	1	\$ 12,666.67	\$ 12,666.67	\$ 17,566.67	\$ 17,566.67
2	Pre-Construction Audio Visual	LSUM	1	\$ 1,666.67	\$ 1,666.67	\$ 316.67	\$ 316.67
3	Sidewalk, Conc, 4 inch	Sft	3,336	\$ 7.16	\$ 23,885.76	\$ 7.00	\$ 23,352.00
5	Aggregate Base, 21AA Limestone, 8 inch	Syd	37.50	\$ 22.02	\$ 825.75	\$ 12.00	\$ 450.00
6	Pavt, Rem	Syd	43.50	\$ 15.44	\$ 671.64	\$ 22.00	\$ 957.00
10	Subgrade Undercutting, Special (1 x 3)	Cyd	5	\$ 68.14	\$ 340.70	\$ 60.00	\$ 300.00
11	Grading	Sta	6	\$ 1,288.43	\$ 7,730.58	\$ 1,830.00	\$ 10,980.00
12	Erosion Control, Silt Fence	Ft	435	\$ 2.93	\$ 1,274.55	\$ 2.00	\$ 870.00
13	Erosion Control, Check Dam, Stone	Ft	8	\$ 43.24	\$ 324.30	\$ 31.00	\$ 232.50
15	Sidewalk, Rem	Syd	28	\$ 21.81	\$ 610.68	\$ 12.00	\$ 336.00
19	Surface Restoration	Sta	4	\$ 1,967.93	\$ 7,281.34	\$ 4,500.00	\$ 16,650.00
20	Tree, Rem, 6 inch to 18 inch	Ea	3	\$ 1,390.49	\$ 4,171.47	\$ 2,000.00	\$ 6,000.00
21	Stump, Rem, 37 inch or Larger	Ea	1	\$ 904.84	\$ 904.84	\$ 458.00	\$ 458.00
22	Post, Mailbox	Ea	1	\$ 320.00	\$ 320.00	\$ 200.00	\$ 200.00
36	Permit Allowance	LSUM	1	\$ 1,020.00	\$ 1,020.00	\$ 1,020.00	\$ 1,020.00
	Total Construction Cost				\$ 63,694.94		\$ 79,688.83

City of Novi
Ten Mile Rd Water Main & Sidewalk Near Wixom Rd
Culvert and Headwall Construction
Tabulation of Bids
Bid Opening: 7/22/2021

Item No.	Item Description	Unit	Quantity	Engineer's Estimate		Bidigare Contractors, Inc	
				Unit Price	Total Bid Cost	Unit Price	Total Bid Cost
1	Mobilization	LSUM	1	\$ 12,666.67	\$ 12,666.67	\$ 17,566.67	\$ 17,566.67
2	Pre-Construction Audio Visual	LSUM	1	\$ 1,666.67	\$ 1,666.67	\$ 316.67	\$ 316.67
23	Sewer, CL IV, 12 inch, Tr Det A	Ft	19	\$ 201.44	\$ 3,827.36	\$ 80.00	\$ 1,520.00
24	Culv, CI A, CSP, 48 inch	Ft	24	\$ 643.32	\$ 15,439.68	\$ 1,400.00	\$ 33,600.00
25	Dr Structure Cover, Type E	Ea	1	\$ 1,983.85	\$ 1,983.85	\$ 320.00	\$ 320.00
26	Dr Structure, 24 inch dia	Ea	1	\$ 9,890.55	\$ 9,890.55	\$ 4,470.00	\$ 4,470.00
27	Riprap, Heavy	Syd	20	\$ 150.83	\$ 3,016.60	\$ 140.00	\$ 2,800.00
28	Fence, Chain Link, 60 inch	Ft	20	\$ 69.18	\$ 1,383.60	\$ 50.00	\$ 1,000.00
29	Precast Concrete Headwall	LSUM	1	\$ 24,300.00	\$ 24,300.00	\$ 66,670.00	\$ 66,670.00
36	Permit Allowance	LSUM	1	\$ 1,020.00	\$ 1,020.00	\$ 1,020.00	\$ 1,020.00
	Total Construction Cost				\$ 75,194.97		\$ 129,283.33

BID
TEN MILE ROAD WATER MAIN AND SIDEWALK NEAR WIXOM ROAD

Bid of BIOIGARE CONTRACTORS INC. hereinafter called Bidder, organized and existing under the laws of or a resident of the State of Michigan, doing business as BIOIGARE CONTRACTORS INC. *
 Insert as applicable: "a corporation", "a partnership" or "an individual".

TO THE CITY OF NOVI, MICHIGAN, hereinafter called OWNER:

The undersigned as Bidder hereby declares: that this Bid is made in good faith without fraud or collusion with any person or persons bidding on the same Contract; that the Bidder has read and examined the Advertisement for Bids, Instructions to Bidders, Bid, General Conditions, Supplementary Conditions, Agreement, Forms of Bond, Specifications and Drawings, as prepared by the ENGINEER, and understands all of the same; that the Bidder of its representative has made personal investigation at the site and has become fully familiar with regard to the conditions to be met in the execution of this Contract, and the undersigned proposes to furnish all labor, materials, tools, power, transportation, and construction equipment necessary for the construction of the Project and performing related work in full accordance with the aforesaid Contract Documents, including any and all Addenda officially issued, their receipt of which is hereby acknowledged:

Addendum No.
1

Addendum Date
07/16/2021

The Contract will be awarded to the lowest responsive, responsible Bidder based on the unit prices for all Work specified. The Bidder agrees to complete the Project for the following unit prices:

BID

Item No.	Item Description	Unit	Quantity	Unit Price	Total Price
1	Mobilization (10%)	LSUM	1	\$ 52700. ⁰⁰	\$ 52700. ⁰⁰
2	Pre-Construction Audio Visual	LSUM	1	\$ 950. ⁰⁰	\$ 950. ⁰⁰
3	Sidewalk, Conc, 4 inch	Sft	3,336	\$ 7. ⁰⁰	\$ 23352. ⁰⁰
4	Curb and Gutter, Conc, Det 3E	Ft	23	\$ 69. ⁰⁰	\$ 1587. ⁰⁰
5	Aggregate Base, 21AA Limestone, 8 inch	Syd	75	\$ 12. ⁰⁰	\$ 900. ⁰⁰
6	Pavt, Rem	Syd	87	\$ 22. ⁰⁰	\$ 1914. ⁰⁰
7	HMA, 5E1	Ton	8	\$ 257. ⁰⁰	\$ 2056. ⁰⁰
8	HMA, 4E1	Ton	10	\$ 205. ⁰⁰	\$ 2050. ⁰⁰
9	HMA, 3E1	Ton	10	\$ 205. ⁰⁰	\$ 2050. ⁰⁰
10	Subgrade Undercutting, Special (1 x 3)	Cyd	5	\$ 60. ⁰⁰	\$ 300. ⁰⁰
11	Grading	Sta	6	\$ 1830. ⁰⁰	\$ 10980. ⁰⁰
12	Erosion Control, Silt Fence	Ft	870	\$ 2. ⁰⁰	\$ 1740. ⁰⁰



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Item No.	Item Description	Unit	Quantity	Unit Price	Total Price
13	Erosion Control, Check Dam, Stone	Ft	15	\$ 31. ⁰⁰	\$ 465. ⁰⁰
14	Curb and Gutter, Rem	Ft	23	\$ 16. ⁰⁰	\$ 368. ⁰⁰
15	Sidewalk, Rem	Syd	28	\$ 12. ⁰⁰	\$ 336. ⁰⁰
16	Sidewalk Ramp, Conc, 6 inch	Sft	280	\$ 21. ⁰⁰	\$ 5880. ⁰⁰
17	Detectable Warning Surface	Ft	6	\$ 65. ⁰⁰	\$ 390. ⁰⁰
18	Maintaining Traffic	LSUM	1	\$ 20,000	\$ 20,000. ⁰⁰
19	Surface Restoration	Sta	7.4	\$ 4,500	\$ 33,300. ⁰⁰
20	Tree, Rem, 6 inch to 18 inch	Ea	3	\$ 2,000	\$ 6,000. ⁰⁰
21	Stump, Rem, 37 inch or Larger	Ea	1	\$ 458. ⁰⁰	\$ 458. ⁰⁰
22	Post, Mailbox	Ea	1	\$ 200	\$ 200. ⁰⁰
23	Sewer, CL IV, 12 inch, Tr Det A	Ft	19	\$ 80. ⁰⁰	\$ 1,520. ⁰⁰
24	Culv, Cl A, CSP, 48 inch	Ft	24	\$ 1,400	\$ 33,600. ⁰⁰
25	Dr Structure Cover, Type E	Ea	1	\$ 320	\$ 320. ⁰⁰
26	Dr Structure, 48 inch dia	Ea	1	\$ 4,470	\$ 4,470. ⁰⁰
27	Riprap, Heavy	Syd	20	\$ 140	\$ 2,800. ⁰⁰
28	Steel Ornamental Fence, 5 foot	Ft	20	\$ 50	\$ 1,000. ⁰⁰
29	Precast Concrete Headwall	LSUM	1	\$ 66,670	\$ 66,670. ⁰⁰
30	Fire Hydrant Assembly, Install	Ea	2	\$ 6,650	\$ 13,300. ⁰⁰
31	Water Main, Abandon, Fill with Flowable Fill, 12 inch	Ft	16	\$ 53. ⁰⁰	\$ 848. ⁰⁰
32	Gate Valve and Well, 12 inch	Ea	1	\$ 10,100	\$ 10,100. ⁰⁰
33	Water Main, Open Cut, Ductile Iron, 12 inch	Ft	72	\$ 162	\$ 11,664. ⁰⁰
34	Water Main, Directional Drill HDPE, 12 inch	Ft	1,184	\$ 130. ⁰⁰	\$ 153,920. ⁰⁰
35	Water Main, Connect to Existing	Ea	6	\$ 7,360	\$ 44,160. ⁰⁰
36	Permit Allowance	LSUM	1	\$ 3,060	\$ 3,060. ⁰⁰
37	Crew Days	CD	25	\$ 700.00	\$ 17,500. ⁰⁰
TOTAL BID:				\$ 537,372. ⁰⁰	

Bidders must provide unit prices for all items and a quantity for the Crew Day Item.

The City's intent is to award to the lowest responsible bidder. Funding for the project is limited and the City may elect to eliminate roadways from the contract, reduce the length of roadways included in the project, or potentially add roadways with similar work to the project in order to match the available budget.

If the foregoing Bid shall be accepted by the OWNER, the undersigned agrees to enter into the attached form of Agreement within ten (10) days after receiving notice of such acceptance, will furnish the OWNER satisfactory bonds and certificates of insurance coverage, and will complete the Project, at the price and within the time stated in this Bid.

The undersigned further agrees that if the foregoing Bid shall be accepted, work will commence immediately after the Contract has been awarded, the Agreement executed, and a Notice to Proceed received.



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No work can begin until formal notice of award.

Once construction has started, all work must be finished within 60 days.

All work must be completed by June 30, 2022.

The undersigned attaches hereto its Bid security, as required by the Advertisement for Bids and Instructions to Bidders. The undersigned agrees that in case it shall fail to fulfill its obligations under the foregoing Bid, and/or shall fail to furnish bonds, as specified, the OWNER may, at its option determine that the undersigned has abandoned its rights and interests in such Contract and that its Bid security accompanying its Bid; has been forfeited to the said OWNER, but otherwise the Bid security shall be returned to the undersigned upon the execution of the Contract and the acceptance of the bonds.

The undersigned also agrees that for each and every calendar day that he may be in default of any of the completion dates listed above, the OWNER will suffer a damage of Six Hundred Dollars (\$600.00) per day, and said OWNER shall be compensated therefore at the rate as liquidated damages in accordance with the Agreement.

In submitting this Bid, it is understood that the right is reserved by the OWNER to accept any bid, to reject any or all Bids, and to waive irregularities in bidding in the interest of the OWNER.

SUBMITTED on JULY 22 2021
Date*

939 S. MILL STREET
Street*

PLYMOUTH, MICHIGAN 48170
City, State, ZIP*

248-735-1113
Telephone Number*

248-735-1114
Facsimile Number*

BY: BIDIGARE CONTRACTORS INC
Name of Bidder*

[Signature]
Signature

JOHN BIDIGARE, V.P.
Name and Title of Signatory*

*Typed or printed in ink.



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